ENDREI, Walter

Aspects of forming technical terms in the past and now. Magy textil 16 no.1:46-48 Ja'64.

ENDREI, Walter

Silk industry of Obuda in the past. Elet tud 19 no.37:1759-1762
11 S '64.

L 41778-66 EWP(t)/ETI IJP(c) JD

ACC NR: AP6031686 SOURCE CODE: HU/0005/65/071/010/0453/0461

AUTHOR: Fraknoy, Veronika; Endrene, Koros

ORG: Research Institute for the Communications Technological Industry, Budapest (Hiradastechnikai Ipari Kutato Intezet)

TITLE: Syneresis of iron(III) hydroxide gels

SOURCE: Magyar kemiai folyoirat, v. 71, no. 10, 1965, 453-461

TOPIC TAGS: gel, gelation, hydroxide, iron compound

ABSTRACT: Tests were conducted to establish the gelatination time of the gels, the time required for the syneresis to start, the amount of liquid separated in the course of the syneresis in relation to the amount of KCl added (in the 80-300 millimoles/l. range), and the mechanism of the syneresis process. It was found that the syneresis of the gels represents the last stage in the coagulation process. The processes could be characterized by employing the Reerink formula for the coagulation of diluted sols. Orig. art. has: 13 figures and 2 tables. [JPRS: 33,540]

SUB CODE: 07 / SUBM DATE: 22Apr65 / OTH REF: 008

Card 1/1

ENDRENYI, J.

ENDRENYI, J. Protection against shick in agriculture; a review of a lecture. p. 91

Vol. 49, no. 3, March 1956
ELEKTROTECHINKA
TECHNOLOGY
Budapest, Hungary

SO: East European Accession Vol. 6, no. 3, March 1957

ENDRENYI, J.

B. T. R.
Vol. 3 No. 3
Mar. 1954
Electrical
Engineering

3176* System of Units in Electrical Engineering. (Hungarian.) János Endrényi. *Elektrotechnika*, v. 46, no. 11, Nov. 1953, p. 307-314.

Discusses principals, limitations, terms of dimensions, and units. Tables. 16 ref.

6-21-54 JA

ENDRENYI, J.

ENDRENYI, J. Pal Lomb's Balesetelhariiasi eloirasok a villamosipari szabvanyokban (Regulations for Accident Prevention in Standards of the Electric Industry); a book review. p. 351.

Vol. 48, No. 11, Nov. 1955
STANDARDIZACIJA.
TECHNOLOGY
Beograd, Yugoslavia

So: East European Accessions, Vol. 5, No. 5, May 1956

APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R00041211(

ENDRENYI, S.

Current status of the theory of drying.

(MAGYAR ENERGIAGAZDASAG, Budapest, Vol. 8 no. 2, Feb. 1955.)

SO: Monthly list of East European Accessions, (EEAL), LC, Vol. 4, No. 6, Jan. 1955, Uncl.

ENDRENYI, S. - Vol. 8, no. 4, Apr. 1955. - Magyar Energiagazdasag

Present state of the theory of drying. p. 135.

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, No. 9, Sept. 1955
Uncl.

ENDRENYI, S.

Investigations relating to the output and drying capacity of the paper-making machine. p. 517.

ENERGIA ES ATOMTECHNIKA. (Energiagazdalkodasi Tudomanyos Egyesulet) Budapest, Hungary, Vol. 11, No. 9/10, Sept,/Oct. 1958.

Monthly list of East European Accessions (EEAI) LC, Vol. 8, No. 7, July 1959. Uncla.

BOUCHER, R.M.G., Dr.; GONDAR, Jeno, Dr.; ENDRENYI, Sandor

Remarks. Elelm ipar 14 no.8/9:274-275 Ag-S '60.

1. Budapesti Muszaki Egyetem (for Gondar). 2. Papiripari Kutato Intezet (for Endrenyi).

LYKOW, A.W. [Lykov, A.B.]; FENYES, I.; ENDRENYI, S.

The knowledge of heat and mass transfer as foundation for the theory of drying. Acta techn Hung 11 no.1/2:201-224 '62.

1. Mitglied der Akademie der Wissenschaften der Belorussischen Socialist.Sowjetrepublik (for Lykov).

ENDRENYI, Sandor

Conference on drying. Faipar 10 no.9:272 S '60.

1. Energiagazdalkodasi Tudomanyos Egyesulet Szaritasi Allando Bizottsag vezetoje.

GOSZTONYI, Sandor; LEHR, Ferenc, a muszaki tudomanyok kandidatusa; FICHTNER, Kurt; MARECKI, Jacek, prof., dipl. ing. (Lengyelorszag); WRESNIOWSKI, Romuald; BURSZTYNSKI, Janusz; HUBNER, Ewald; KIEFER, Erich; BOIE, Werner, prof., dr. ing. (Nemet Demokratikus Koztarsasag); BOSNIC, Cedomir (Jugoszlavia); ZILBER, Aleksander (Lengyelorszag); GRUBER, S.M. (Anglia); STANCESZKU, Ian, prof. (Romania); BONKALO, Tamas, dr.; ENDRENYI, Sandor; KATONA, Kalman; KOHARY, Lajos

Rationalization in power utilization in the field of the light industry. Ipari energia 3 no.1/2:32-38 Ja-F '62.

1. Konnyuipari Miniszterium helyettes foosztalyvezetoje (for Gosztonyi). 2. Konnyuipari Tervezo Iroda (for Lehr). 3. Textilipari Kutato Intezet (for Bonkalo). 4. Papiripari Kutato Intezet (for Endrenyi).

ENDRESHCH, Ye. [Endroczi, E.]; LISHAK, K. [Lissak, K.]

Role of the rhinoencephalon in the activation of the hypophysial-adenocorticogondal system and in the formation of emotional and sex behavior. Probl.endok.i gorm. 7 no.4:18-26 '61. (MIRA 14:8)

1. Iz Instituta fiziologii Meditsinskogo universiteta Pech, Vengriya.
(BRAIN) (ENDOCRINE GLANDS) (EMOTIONS) (SEX)

ENDRESZ, Istvan

"France", the new 55,000-ton ocean liner. Jarmu mezo gep 10 no.5:189-190 My '63.

ENDRESZ, Istvan

"French experiments for obtaining one-million voltage" by P.Devaux. Reviewed by Istvan Endresz. Villamossag 12 no.1: 25-26 Ja'64.

ENDRESZ, Istvan

The first tidewater power plant of the world. Elet tud 19 no.3:126-130 17 Ja '64.

ENDRESZ, Istvan

Three types of Caravelles. Jarmu mezo gep 10 no.10:395 O '63.

ENDRESZ, Istvan

Electronic computer center. Vasut 13 no.1:14 30 Ja '63.

ENDRESZ, Istvan

The future of hydrophonics. Mezogazd techn 3 no.3:23 '63.

ENDRESZ, Istvan

Aeronautics in agriculture. Mezogazd techn 3 no. 8:22 '63.

ENDRESZ, Istvan

Present state and the future of railroads in Africa. Vasut 13 no.7:28 Jl '63.

ENDRESZ, Istvan

The Gabon railroad line for transporting manganese. Vasut 13 no.10: 31 O '63.

ENDRESZ, Istvan

The No.200 secret Nazi air wing. Repules 16 no.3:12 Mr '63.

ENDRESZ, Istvan

Role of the air force in attacking modern submarines. II. Repules 16 no.5:12-13 My '63.

ENDRESZ, Istvan

Aircrafts. Jarmu mezo gep 11 no.8:314-315 Ag '64.

ENDRESZ, Istvan

Miniature submarine. Jarmu mezo gep 12 no.1:37 Ja '65.

ENDRESZ, Istvan

New French machines. Mezogazd techn 5 no.1:2 of cover '65.

ENDRESZ, Jozsefne

Education and further education of the skilled man. Munka 11 no.8: 4-5 Ag '61.

1. Szakszervezetek Orszagos Tanacsa termelesi osztalyanak munkatarsa.

(Hungary—Industries) (Hungary—Technology)
(Hungary—Manpower)

ENDRESZ, Jozsefne

Valid service patents in the instrument industry. Ujit lap 17 no.1:6-7 10 Ja '65.

ENDRESZ, Jozsefne

Let us pre[illegible] the purity of the innovation movement! Ujit Lap 17 no.6:[illegible] 30 Mr '65.

1. Division on Innovation and Invention of the National Patent Office, Budapest.

ENDRESZ, Jozsefne

Remarks on the 1965 innovation plans of the Red Star Tractor Factory. Ujit lap 17 no.7:4 13 Ap '65.

1. Division of Innovation and Invention of the National Patent Office, Budapest.

SZEPES, Julia; ENDRESZNE HAJAS, Margit

Rice straw examination on the ground of cell measurements with regard to the resistance. Biol kozl 8 no.1:63-69 '60.

1. Eotvos Lorand Tudomanyegyetem Novenyelettani Intezete, Budapest, es Agrartudomanyi Egyetem Novenytani es Novenyelettani Intezete, Godollo.

TELEGDI, D. [Telegdy, G.]; ENDRETSI, Ye.[Endroczi, E.]; LISHAK, K. [Lisak, K.]

Progesterone secretion by the ovary during various stages of pregnancy and lactation. Probl. endok. i gorm. 10 no.1:103-106 Ja-F '64. (MIRA 17:10)

1. Institut fiziologii Meditsinskiy universitet, Pech, Vengriya.

S/261/62/000/012/002/002
1007/1207

AUTHOR: Szakáll, Kalmán, Pálhidy, Attila and Endrey, Gyula

TITLE: Synchronous diaphragm-pump

PERIODICAL: Referativnyy zhurnal, otdel'nyy vypusk. 34. Kompressory i kholodil'naya tekhnika, 12. 1962, 16, abstract 32.2.34. Hungarian patent, class 59, no. 148211, March 31, 1961

TEXT: none given.

[Abstracter's note: Translation of title.]

Card 1/1

ENDREY-GRUZ, Tibor; DEVAY, Jozsef; VAJASDY, Irma; HORANYI, Gyorgy

Effect of sinus current on electrode processes. I. Effect of sinus current on hydrogen overvoltage on mercury cathode. Magy kem folyoir 67 no.6:244-253 Je '61.

1. Eotvos Lorand Tudomanyegyetem Fizikai-Kemiai es Radiologiai Tanszeke, Budapest; Magyar Tudomanyos Akademia Elektrokemiai Kutato Csoportja 2. "Magyar Kemiai Folyoirat" felelos szerkesztoje (for Erdey-Gruz)

KNDRICHOWSKI, Stefan.

Polish workers have restored the ruined economy of the reunited lands. Pol'.prof.obos. 4-11 Ja-Mr '53. (MLRA 7:6)

1. Zamestitel' Predsedatelya Soveta Ministrov Pol'skoy Narodnoy Respubliki. (Oder-Neisse Area--Reconstruction)

ENDRIS, Yuriy, doktor medtsiny, CHERNOGORSKIY, Genrikh, doktor meditsiny

Calcification of the coronary artery. Klin.med. 36 no.8:32-38 Ag '58 (MIRA 11:9)

1. Iz Voyenno-meditsinskoy akademii (gradets Kralove - Chekhoslavakiya).
(CORONARY DISEASE, diag.
calcification, x-ray diag. (Rus))

L 3122-66 EWP(w)/T/EWP(t)/EWP(k)/EWP(b)/EWA(c) JD/HW

ACCESSION NR: AP5026884 CZ/0034/65/000/006/0411/0417

AUTHOR: Endrle, Miroslav (Engineer); Pokluda, Lubomir (Engineer)

TITLE: Effect of planishing on the mechanical properties of deep-drawing sheets

SOURCE: Hutnicke listy, no. 6, 1965, 411-417

TOPIC TAGS: fabricated structural metal, metal rolling, solic mechanical property

ABSTRACT: [Authors' English summary modified]: The purpose of planishing is to improve the yield point and to smooth out the surface of the sheets. During cold deformation dislocation in the neighborhoods of C and N atoms are removed, and an increase in strength is achieved. The effect of planishing is interfered with in subsequent annealing operations. Experiments made at the Sheet Rolling Mill at Frydek-Mistek showed that good mechanical properties were obtained at a total cold deformation of 50-70%, and a planishing reduction of 0.7 - 1%; planishing rolls of a minimum diameter with a ground surface were used, and continous measure-

Card 1/2

L 3122-66

ACCESSION NR: AP5026884

ments of the reduction during the planishing process were made. The customers must process the deep-drawing strips in the shortest possible time. Orig. art. has: 15 graphs, 9 tables.

ASSOCIATION: [Endrle] Katedra tvareni VSB, Ostrava (Department of Machining, VSB); [Pokluda] Valcovny plechu, Frydek -Mistek (Sheet Rolling Works)

SUBMITTED: 00 ENCL: 00 SUB CODE: MM

NR REF SOV: 003 OTHER: 006 JPRS

Card 2/2

HUNGARY

ENDROCZI, E., of the Institute of Physiology, Medical University, Pecs [Original version not given].

"The Role of Humoral Factors in the Organization of Behavioral Processes"

Budapest, Acta Physiologica Academiae Scientiarum Hungaricae, Supplement to Vol 22, 1963; pp 25-27.

Abstract [Author's English summary, modified]: The problems discussed may be summarized as follows: 1. The specific sensory pathways not only supply specific information to the structures of the brain stem and forebrain, but their elimination may also result in complex changes of behavior. 2. Psychopharmacological drugs inducing anesthesia can dissociate the EEG activity and behavior. 3. For influencing the daily motor activity of the rat relatively high doses of tranquilizers are required. 4. Humoral factors are primarily acting on the nervous organization of the spontaneous goal-directed motor activity that may be considered to characterize motivation. - Among the neuroendocrine correlations, the nervous organization of stress mechanism is dealt with in more detail.

1/1

ENDROCI, E.; NAGY, D.

Contributions to the mechanism of the lyphopenia caused by the adrenal cortex. Acta physiol. hung. 2 no.1:11-15 1951. (CIML 20:9)

1. Of the Institute of Physiology, Pecs University.

LISSAK, K.; ENDROCZI, E.; HASZNOS, T.

Effect of cortical denervation upon acetylcholin-cholinesterase system and excitability of the central nervous system. Acta physiol. hung. 3 no.1:39-48 1952. (CLML 24:3)

1. Of the Institute of Physiology of Pecs University.

ENDROCZI, M.; NAGY, D.

Studies on the changes of the blood-lymphocyte count. 1. The mechanism of lymphocytosis caused by adrenaline. Acta physiol. hung. 3 no.1:69-73 1952. (CLML 24:3)

1. Of the Institute of Physiology of Pecs University.

CSORDAS, M.; ENDROCZI, M.; LISSAK, K.

Studies on the changes of the blood-lymphocyte. II. The mechanism of changes of the blood-lymphocyte count, induced by the stimulation of the cerebral-cortex. Acta physiol. hung. 3 no.1:75-77 1952. (CIML 24:3)

1. Of the Institute of Physiology of Pecs University.

ENDROCZI, E.;MIHALYI, E.

Studies on the changes of the blood-lymphocyte count. III. The role of the thyroid gland in lymphocyte reactions. Acta physiol. hung. 3 no.1: 79-84 1952. (CIML 24:3)

1. Of the Institute of Physiology of Pecs University.

ENDROCZI, E.; LISSAK, K.

Studies on the changes of the blood-lymphocyte count. IV. The effect of thyroxine upon lymphocyte reactions in leukotimized animals. Acta physiol. hung. 3 no.1:85-89 1952. (CLML 24:3)

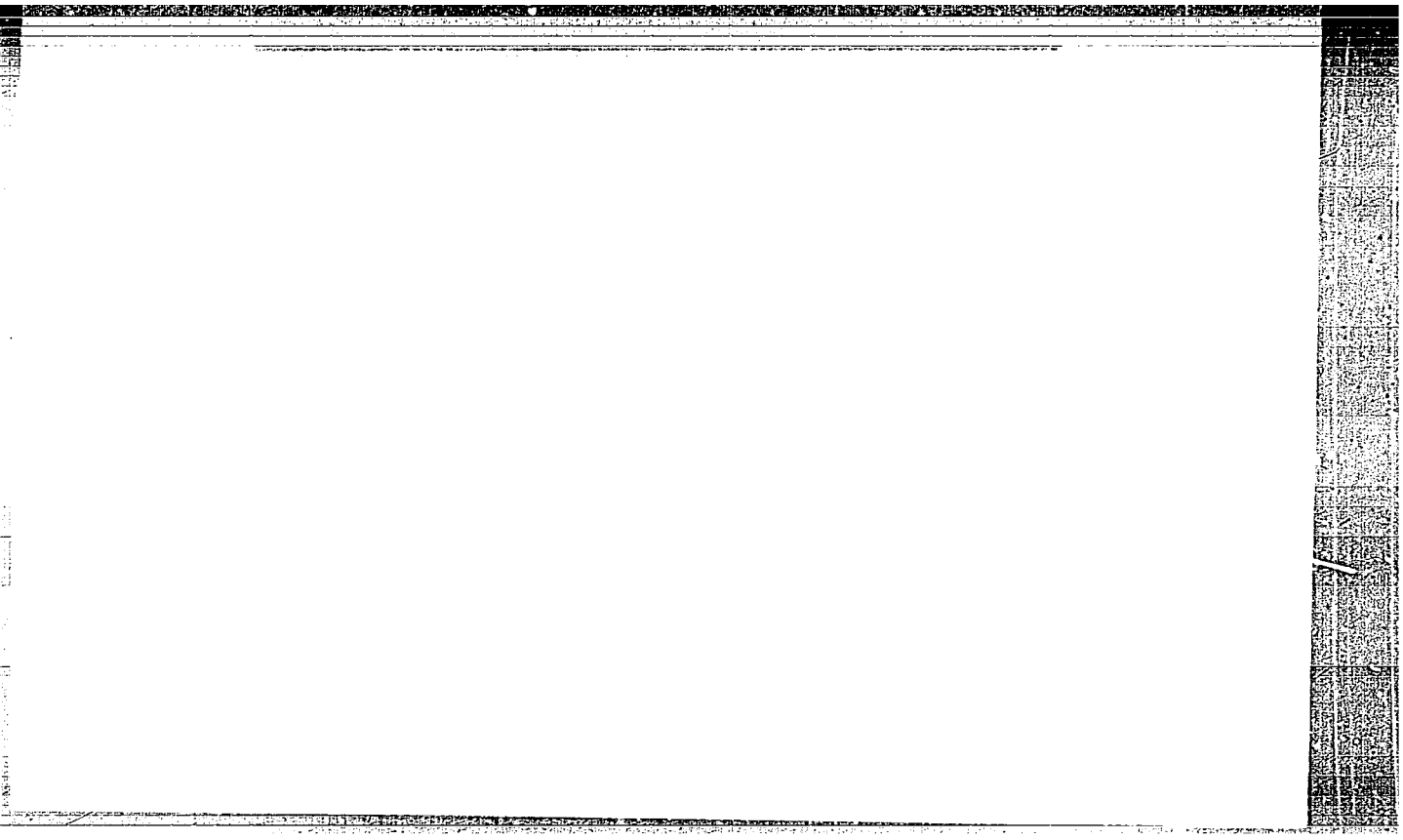
1. Of the Institute of Physiology of Pecs University.

ENDROCZI, E.

Endroczi, E.; Lissaka, K

"Contribution to the Neuroendocrine Correlation With Reference to the Pituitary-Suprarenal Cortex Function After Frontal Leukotomy." p. 38 (Acta Physiologica. Supplement to v. 4, 1953, Budapest)

SO: Monthly List of East European Accessions, Vol. 3, No. 6, Library of Congress, June. 1954, Incl.



APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R00041211(

[redacted], P.

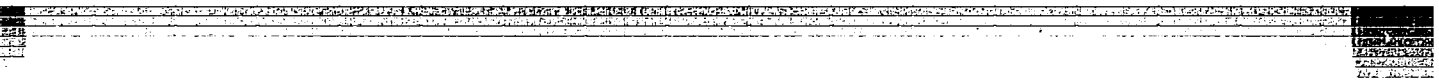
Physiol. Inst., med. Univ., Pecs. *Beitrage zum Verhaltnis zwischen unbedingter Reflexerregbarkeit und bedingter Reflexfunktion bei bedingten Reflexen mit Speichelsekretion. Relationship between unconditioned reflex excitability and conditioned reflex function in conditioned reflexes with salivary secretion

ACTA PHYSIOL. ACAD. SCIENT. HUNG. [redacted]

LISSÁK K., PÖLCZ L. and ENDRÖCZI E.

Physiol. Inst., med. Univ., Pécs. *Erregungs- und Hemmungszustände des zentralen Nervensystems in Spiegel der Änderungen des peripheren Blutbildes. Excitation and inhibition states of the CNS in the light of changes in the peripheral blood picture ACTA PHYSIOL. ACAD. SCIENT. HUNG. (Budapest) 1954, 5/suppl. (88)

SO: EXCERPTA MEDICA - Section II, Vol. 7, No. 10



APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R00041211(

LISSAK,K.; ENDROCZI, E.

The presence of substances in nervous tissue having inhibiting action on chemical mediators and on nervous function. Acta physiol. hung. Suppl. no.6:30-31 1954.

1. Physiologisches Institut der Medizinischen Universitat, Budapest.
(EPINEPHRINE, antag.
brain extract from cattle)
(ACETYLCHOLINE, antagonists
brain extracts from cattle)
(TISSUE EXTRACTS, eff.
brain extract from cattle, inhib. of epinephrine, acetylcholine & nervous funct.)
(NERVOUS SYSTEM, eff. of drugs on
brain extracts from cattle, inhibitory properties)
(BRAIN
extract from cattle, inhib. of epinephrine, acetylcholine & nervous funct.)

2141. ENDRÖCZI E., LISSÁK K. and SZEREDAY Z. Physiol. Inst. der Univ. Pécs, Ungarn. * Die Wirkung des Diphenylhydantoins auf das Hypophyse-Nebennierenrindensystem. The effect of diphenyl hydantoin on the hypophyseo-adrenocortical system ENDOKRINOLOGIE 1954, 31/6 (360-364) Tables 6

In young rats, administration of this drug reduces adrenal weight but does not affect the ascorbic acid level. This is in accordance with its central anti-epileptic effect

ENDROCZI, Elemer, dr.; LISSAK, Kalman, dr.; SZEREDAI, Zoltan, dr.

Adrenocortical function, diphenylhydantoin and epilepsy. Orv. hetil. 95 no.49:1344-1347 5 Dec 54.

1. A Pecsi Orvostudomanyi Egyetem Elettani Intezete (igazgato: Lissak Kalman dr. egyet. tanar) kozlemenye.

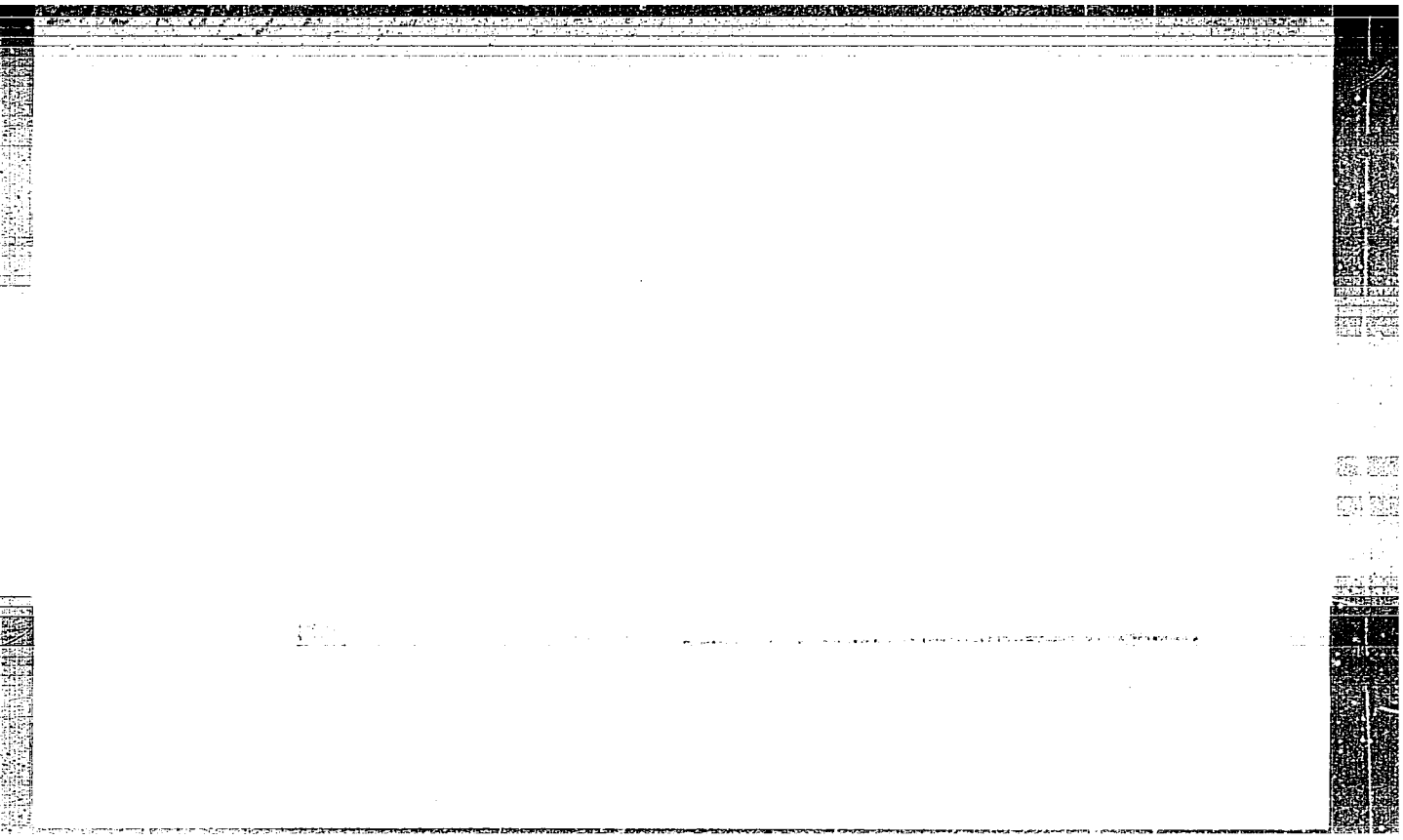
(ADRENAL CORTEX, eff. of drugs on
diphenylhydantoin in ACTH & epinephrine-treated animals)
(HYDANTOINS, eff.
diphenhylhydantoin on ACTH-treated adrenal cortex)
(ACTH, eff.
adrenocortical hypertrophy, eff. of diphenylhydantoin in animals)

ENDROCZI, E.; KISSAK, K. Hungary

Institute of Physiology, Medical University, Pecs, Hungary.

An Inhibitory Substance in Neural Tissue.

SO: Naturwissenschaften, December 1955, Unclassified.



APPROVED FOR RELEASE: Thursday, July 27, 2000 CIA-RDP86-00513R00041211(

EXCERPTA MEDICA Sec.3 Vol10/11 Endocrinology Nov56

2222. ENDRÖCZI E. and MESS B. Physiol. und Anat. Inst., Med. Univ., Pécs. *Einfluss von Hypothalamusläsionen auf die Funktion des Hypophysen-Nebennierenrinden Systems. The effect of hypothalamic lesions on the function of the hypophyseo-adrenocortical system in rats ENDOKRINOLOGIE 1955, 33/1-2 (1-8) Graphs 4 Tables 1

There was no demonstrable change in the action of the hypophyseo-suprarenal system following injuries of the rostral nuclei of the hypothalamus. The decrease in the ascorbic acid level of the adrenals and the lymphocytopenic reaction, seen following adrenaline treatment, or surgical interventions do not occur following injuries of the tuber cinereum and the mammillary nuclei. The function of the adrenocortical system, which is inactive following these lesions returns to normal after about 6 weeks. In the case of lesions of the tuberomammillary nuclei unilateral adrenalectomy is not followed by compensatory hypertrophy. The tuberal nuclei of the hypothalamus may regulate pituitary ACTH secretion by the neurohumoral route. At the same time, however, it must be assumed that there exists a lasting low ACTH secretion of the pituitary independent of the hypothalamus.

ENDROCZI, Elemer; MESS, Bela; KOVACS, Sandor; JAKAB, Agnes

Effects of hypothalamus lesions on the function of the adrenocortico-pituitary system. Kiserletes orvostud. 8 no.2: 186-191 March 56.

1. Pecsi Orvost. Elettani is Anat. Intezete.
(HYPOTHALAMUS, dis.
exper. lesions, eff. on funct. of adrenocortico-pituitary system in rats. (Hun))
(ADRENAL CORTEX, physiol.
adrenocortico-pituitary system, eff. of exper. hypothalamus lesions in rats. (Hun))
(PITUITARY GLAND, physiol.
same)

ENDROCZI, E.; KOVACS, S.; LISSAK, K.

Effect of hypothalamus stimulation on somatic and endocrine behavior in chronic experiments. Kiserletes orvostud. 8 no.5: 504-510 Sept 56.

1. Pecsi Orvostudomanyi Egyetem Elettani Intezete.
(HYPOTHALAMUS, physiol.
eff. of chronic electric stimulation on adrenocortical-pituitary system in rats (Hun))
(ADRENAL CORTEX, physiol.
same)
(PITUITARY GLAND, physiol.
same)

. ENDROCZI, E.

HUNGARY / Human and Animal Physiology. Internal Secretion. T

Abs Jour: Ref Zhur-Biol., No 9, 1958, 41572.

Author : Endroczi, E.; Lissak, K.; Szereday, Z.
Inst : Hungarian Academy of Sciences.
Title : Formation of a Conditioned Adaptation Reflex to the Function of the Pituitary-Adrenocortical System.

Orig Pub: Acta physiol. acad. sci. hung., 1956, 9, No 1-3, 123-131.

Abstract: The action of T° 37° (30 min.), applied daily for 16 days to rats, caused an elevation of the ascorbic acid (I) content in the adrenals. Subsequent single action of the T° failed to have any effect on the concentration of I. Such action upon

Card 1/3

HUNGARY / Human and Animal Physiology. Internal Secretion. T

Abs Jour: Ref Zhur-Biol., No 9, 1958, 41572.

Abstract: control rats was followed by considerable decrease of I content. The 16 fold action of the T^0 was correlated in some of the animals with an indifferent sound stimulant (S). The subsequent action of one conditioned reflex was without effect on I content. Following an 18 fold association of acute asphyxia, produced by low barometric pressure, with a light stimulant, the subsequent application of the conditioned or unconditioned stimulus was also without effect on the concentration of I. Within 7 days after the cessation of 24 associations, the adrenal reacted normally, and under the effect of one unconditioned stimulus, an identical lowering of I content occurred as in normal rats. When, after the cessation of the association, a conditioned stimulus only was used during the next 7

Card 2/3

HUNGARY / Human and Animal Physiology. Internal Secretion. T

Abs Jour: Ref Zhur-Biol., No 9, 1958, 41572.

Abstract: days, the animals remained resistant to the action of the unconditioned stimulus and the l and cholesterol content in the adrenals remained high. -- O. S. Frankfurt.

Card 3/3

7509 Sexual behaviour and its effect on the condition in alimentary

graphic records were taken. [illegible] ing a variable number of carbon atoms showed that 4–5 fatty acids elicit by olfactory stimuli the sexual behaviour in both sexes. Application of the smell stimulus, after a latency period of a few minutes, blocks conditioned alimentary response and elicits partial sexual behaviour. Progesterone (5 mg. for 5 days) did not have an effect on valeric acid induced sexual behaviour while oestradiol propionate markedly increased it. Mild stimulation of the erotogenic zone elicits complete sexual behaviour with all signs of orgasm. The phenomenon lasts for 10–15 min. and can be evoked repeatedly. Folliculin alone—without the olfactory stimulus—has no effect. The conditioned alimentary reflex behaviour including differentiation is not influenced by valeric acid in ovariectomised animals. Progesterone treatment had no effect in ovariectomised animals oestradiol propionate (5 mg. for 5 days) on the other hand was highly potent in restoring normal sexual responses both to valeric acid and erotogenic zone stimulation as well as in blocking alimentary conditioned reflexes. [illegible] is considered [illegible]

ENDROCZI-E.

3

0450. Quantitative changes in sulphydryl content of nerve and muscle tissue in course of ontogenetical development. [illegible] F. Endrőczi, and K. Lissák *Acta physiol. Acad. Sci. hung.* 1958 6 173—177 (Physiol. Inst., Med. Univ., Pécs, Hungary) The total and the "free" (in an alcoholic filtrate) SH content were determined with Guba's ω-bromoacetophenone method in the cerebellum, brain stem, white matter, liver, kidney and muscle of new born rats during their first 3 weeks of life. The structure bound SH content increased in the course of the 3rd week in all nervous tissues and in the muscle, while the "free SH" tended to diminish. It is in this period in which the new born rat becomes capable of performing co-ordinated movements. SH content of kidney and liver hardly changes. The effect of denervation on the SH content of muscles (sciatic transection) on the 3rd, 6th, and 12th days was also determined. No change was found. (Hungarian)

A. B. L. Beznák

GDR/Human and Animal Physiology. Nervous System. General Problems. T

Abs Jour: Ref Zhur-Biol., No 20, 1958, 93575.

Author : Endroczi, E., Kovacs, S., Lissak, K.
Inst :
Title : Effect Stimulation of the Hypothalamus on the Endocrine System and Somatic Behavior.

Orig Pub: Endokrinologie, 1956, 33, No 5-6, 271-278.

Abstract: The hypothalamus (H) of 2-3 days old rats was stimulated by electrodes for 5 minutes at the rate of 0.5 - 2.0 volt for 3 milliseconds at the rate of 3 - 90 impulses per second. Stimulation of the tuber cinereum, the mastoid bodies and the medial groups of thalamus nuclei caused a drop in the ascorbic acid content (I) of the adrenal gland (A) while stimulation of

Card : 1/3

GDR/Human and Animal Physiology. Nervous System. General Problems. T

Abs Jour: Ref Zhur-Biol., No 20, 1958, 93575.

the supraocular and paraventricular groups of nuclei did not result in an appreciably reduced I. The activation of the adrenal cortex always coincided with protective or marked orientating reactions of the animal while stimulation of the ventral areas of II (those connected with various autonatic activities, i.e. running) was not accompanied by intensified secretion of ACTH (Adrenocorticotropic hormone). On stimulation of the tubero mamillary area the level of I in A was also lowered in rats with denedullated A and was not changed in rats anesthetized with evipal or dial[?]. Apparently, the observed somatic and endocrine-gland reactions occur because of stimulation of the olfactory cortex of diffusely activated systems. The effect is

Card : 2/3

GDR/Human and Animal Physiology. Nervous System. General Problems. T

Abs Jour: Ref Zhur-Biol., No 20, 1958, 93575.

a prerequisite for the activation of the humoral adaptive system. -- N.S. Veller.

Card : 3/3

T

COUNTRY : USSR
CATEGORY : Human and Animal Physiology, The Nervous System

ABS. JOUR. : RZhBiol., No. 5 1959, No. 22523

AUTHOR : Lissak, K.; Endroczi
INST. : Academy of Sciences of the USSR
TITLE : The Emergence of Sexual Dominance and its Effect on the Conditioned Feeding Reflex in Cats.

ORIG. PUB. : V sb.; Probl. fiziol. tsentr. nervn. sistemy, M.L.. AN SSSR, 1957, 338--342

ABSTRACT : The complex sexual reaction, equivalent to natural sexual response, which is produced by the odor of valeric acid, completely inhibited a feed-reflex which was established earlier. After castration, valeric acid failed to evoke a sexual response, and therefore inhibition of the conditioned feeding reflex was not seen. Injecting estradiol propionate restored the sexual response to valeric acid. Removal of the somatic motor cortex significantly increased the response. Removal of other divisions of the cortex was not

Card: 1/2

T-108

COUNTRY : USSR T
CATEGORY :

ABS. JOUR. : RZhBiol., No. 5 1959, No. 22523

AUTHOR :
INST. :
TITLE :

ORIG. PUB. :

ABSTRACT : accompanied by such an effect. Automatism and signs of cortical inhibition were characteristic of the sexual response. Probably the sexual reactions of cats are regulated by a complex of neurohumoral mechanisms, for the initiation of which both humoral and conditioned-reflex factors are of importance.--E.I.Plonskaya

Card: 2/2

HUNGARY/Human and Animal Physiology (Normal and Pathological) T
Nervous System. Metabolism.

Abs Jour : Ref Zhur Biol., No 6, 1959, 26971

Author : Lissak, K., Endroczi, E., Fabian, I.
Inst : -
Title : Further Investigation of the Effect of a Hormonal Innibitory Factor.

Orig Pub : Acta physiol., Acad.sci. hung., 1957, 11, No 3-4, 377-383

Abstract : Inhibitory effect (IE) of a substance isolated from the brain of warm-blooded animals was studied. In experiments on isolated intestine of cat, it was determined that the degree of IE depends on changes of pH and concentration of K. IE intensified on a background of proserine effect; furthermore, in its character, it was similar to the effect of phosphorous ester of choline. Application of the substance to spinal radicles delayed

Card 1/2

Inst. Physiology, Med. University, Pecs

Abs Jour : Ref Zhur Biol., No 6, 1959, 26971

the conductivity of reflex discharges. The threshholds of electro-excitability increased considerably in direct application of the substance to cerebral cortex. Interperitoneal injections of the substance delayed the development of convulsions after introduction to rats and mice of lethal doses of strychnine or eserine. The substance obtained from the brain of an animal killed by introduction of strychnine posessed greater IE. This peculiarity was not observed in death of animals during convulsions induced by cardiazole. -- Z.Kh. Manovich

ENDROCZI, E.

ENDROCZI, E.; TELEGDY, Gy.; LISSAK, K.

Analysis of the individual variations of adaptation in the rat, on the basis of conditioned reflex and endocrine studies. Acta physiol. hung. 11 no.3-4:393-398 1957.

1. Institute of Physiology, Medical University, Pecs.

(REFLEX, CONDITIONED
individual variations in recovery of alimentary conditioned reflex after breakage in rats & eff. of ACTH.

(ACTH, eff.
on recovery of alimentary conditioned reflex after breakage in rats.

ENDROCZI, Elemer

BATA, Geza; ENDROCZI, Elemer; MARTIN, Janos

Studies on the secretion of adrenal cortex hormones. Kiserletes orvostud. 10 no.1:84-91 Feb 58.

1. Pecsi Orvostudomanyegyetem Elettani Intezete.

(ADRENAL CORTEX, physiol.
hormone secretion in exper. animals under various stress cond. (Hun))
(STRESS, exper.
eff. of various stress cond. on secretion of adrenal cortex hormones in animals (Hun))

EXCERPTA MEDICA Sec 2 Vol 12/4 Physiology Apr 59

1346. CHANGES IN BEHAVIOUR AND ENDOCRINE ACTIVATION IN RESPONSE TO THE STIMULATION OF ORBITO-FRONTAL CORTICAL AREAS - Endrőczi E., Kovács S. and Bohus B. Inst. of Physiol., Med. Univ., Pécs - ACTA PHYSIOL. ACAD. SCI. HUNG. 1958, 14/1 (39-44) Graphs 1 Illus. 2

Following repeated high voltage stimulation of the orbital cortex in rats by means of implanted electrodes, significant behavioural changes in the affective and reactive basic responses were noted together with evidence of adrenal activation. The paramedian areas of the posterior orbital cortex were the sites whose stimulation elicited the most intense effect. Jervis - Thiells, N.Y.

MARTIN, J.; ENDROCZI, E.; BATA, G.

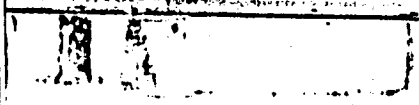
Effect of the removal of amygdalic nuclei on the secretion of adrenal cortical hormones. Acta physiol. hung. 14 no.2:131-134 1958.

1. Institute of Physiology, Medical University, Pecs.
(BASAL GANGLIA, physiol.
eff. of removal of amygdaloid nuclei on adrenal cortical hormone secretion in exper. animals)
(ADRENAL CORTEX, physiol.
eff. of removal of amygdaloid nuclei on hormone secretion in exper. animals)

EXCERPTA MEDICA Sec 10 Vol 12/8 Obstetrics Aug 59

1205. ANALYSIS OF Δ^4-3-KETOCORTICOIDS IN HUMAN PLACENTA BY PAPER CHROMATOGRAPHY - Endréczi E., Telegdy G. and Martin J. Inst. of Physiol., Med. Univ., Pécs - ACTA PHYSIOL. ACAD. SCI. HUNG. 1958, 14/4 (311-316) Graphs 4

Human placenta contains 5 corticoids, the bulk of them being represented by cortisone and corticosterone. Placental homogenates were found to synthetize large amounts of hydrocortisone, cortisone and corticosterone from progesterone. During incubation with cortisone 2 new, unidentified, derivatives appeared, both more polar than corticosterone and less polar than cortisone. Placental tissue synthetized corticosterone from hydrocortisone in considerable amounts. Incubation with progesterone and with DOCA resulted in the synthesis of cortisone and progesterone, respectively. During incubation with DOCA a new substance appeared, presumably identical with Reichstein's substance ('S'). ACTH and chorionic gonadotrophin failed to affect corticoid synthesis in the placenta. (III, 10)



ENDROCZI, E.; LISSAK, K.; TELEGDY, G.

Influence of sexual and adrenocortical hormones on the maternal aggressivity. Acta physiol. hung. 14 no.4:353-357 1958.

1. Institute of Physiology, Medical University, Pecs.
(BEHAVIOR
maternal agressivity in lactating rats, eff. of adrenal cortex & sex hormones)
(LACTATION, physiol.
eff. of adrenal cortex & sex hormones on maternal agressivity in rats)
(ADRENAL CORTEX HORMONES, eff.
on maternal agressivity in lactating rats)
(SEX HORMONES, eff.
same)

ENDROCZI, E.

The seasonal fluctuation in the adrenocortical secretion of dogs and cats. Acta physiol. hung. 14 no.4:359-360 1958.

1. Institute of Physiology, Medical University, Pecs.
(ADRENAL CORTEX, physiol.
seasonal variations of hormone secretion in dogs & cats)
(PERIODICITY
seasonal variations of hormone secretion of adrenal cortex in dogs & cats)

EXCERPTA MEDICA Sec 3 Vol 13/8 Endocrinology Aug 59

1512. THE SECRETION OF CORTICOSTEROIDS - Untersuchungen über die Sekretion von Nebennierenrindenhormonen - Endrőczi E., Bata G. and Martin J. Physiol. Inst., Med. Univ., Pécs - ENDOKRINOLOGIE 1958, 35/5-6 (280-290) Graphs 1 Tables 3 Illus. 1

The corticoid content of the adrenal venous blood in cats and dogs was examined during different stress tests. The corticoids were determined by paper chromatography (Zaffaroni, Burton, Keutmann). The evaluation was done with Bush's UV fluorescent method. Continuous adrenaline and ACTH treatment, respectively, laparotomy with complications, acute adrenaline treatment and insulin hypoglycaemia increased the secretion of corticosteroids. In 2 cases the rate of the secretion at rest was determined after the introduction of a permanent cannula into the adrenal veins on the 3rd day after the operation. The values were lower than those obtained under barbiturate anaesthesia. It was further determined that the basal secretion rate in cats is 4 to 5 times as high as in dogs. In both species the chief components were 17-hydroxycorticosterone and corticosterone. Apart from these substances, in 2 dogs and 1 cat a substance not yet identified could be recognized in the blood collected in 30 to 150 min. A correlation was found between the amount of blood flowing through the adrenal vein and the rate of corticoid secretion.

KOVACS, S.; LISSAK, K.; ENDROCZI, E.

Effect of the lesion of paraventricular nucleus on the function of the pituitary, thyroid, adrenal cortex and gonadal systems. Acta physiol. hung. 15 no.2:137-144 1959.

1. Institute of Physiology, Medical University, Pecs.

(HYPOTHALAMUS, physiol.
paraventric. nucleus, eff. of lesions on adrenocortical, gonadal, pituitary & thyroidal funct. in rats)
(ADRENAL CORTEX, physiol.
eff. of lesions of paraventric. nucleus on funct. in rats)
(GONADS, physiol.
same)
(PITUITARY GLAND, physiol.
same)
(THYROID GLAND, physiol.
same)

YANG TEN-LA, LISSAK K.; ENDROCZI, E.

The effect of changes of environmental temperature on the working capacity of the organism. Acta physiol.hung. 16: Supplem.:74-75 '59.

1. Physiologisches Institut der Medizinischen Universitat, Pecs.

(TEMPERATURE effects)
(EXERTION)

EXCERPTA MEDICA Sec 3 Vol 14/4 Endocrinology Apr 60

856. THE INHIBITORY INFLUENCE OF ARCHICORTICAL STRUCTURES ON PITUITARY-ADRENAL FUNCTION - Endroczi E., Lissák K., Bohus B. and Kovács S. Inst. of Physiol., Med. Univ., Pécs - ACTA PHYSIOL. ACAD. SCI. HUNG. 1959, 16/1 (17-22) Graphs 4 Illus. 1

In the dog, cat, rabbit and rat the stimulation of the amygdaloid nucleus by means of permanent deep electrodes markedly increased pituitary-adrenocortical activity. In contrast with this, stimulation of the hippocampus inhibited the increase in the ACTH secretion by the anterior pituitary occurring in response to painful electric shock and to the injection of adrenaline, histamine or formalin. Adrenocortical function was studied by measuring the ascorbic acid content of the adrenals, the corticoid content of the adrenal venous blood and by the lymphopenic response test.

ENDROCZI, E.; YANG, T.L.; LISSAK, K.; MEDGYESI, P.

The effect of stimulation of the brain stem on conditioned reflex activity and on behaviour. Acta physiol.hung. 16 no.4:291-297 '59.

1. Institute of Physiology, Medical University, Pecs.
(BRAIN STEM physiology)
(REFLEX CONDITIONED physiology)
(BEHAVIOR)

LISHSHAK, K. [Lissak, K.]; ENDRETSI, E. [Endroczi, E.]

Neurohumoral factors controlling the behavior of animals. Zhur. vys. nerv. deiat. 10 no. 3:330-336 My-Je '60. (MIRA 14:2)

1. Institute of Physiology of Medical University, Pécs, Hungary.
(ENDOCRINE GLANDS) (NERVOUS SYSTEM) (BEHAVIOR)

ENDROCZI,E.; LISSAK,K.

The role of the mesencephalon, diencephalon and archicortex in the activation and inhibition of the pituitary-adrenocortical system. Acta physiol. hung. 17 no.1:39-55 '60.

1. Institute of Physiology, Medical University, Pecs.
(PITUITARY GLAND ANTERIOR physiol.)
(ADRENAL CORTEX physiol.)
(BRAIN physiol.)

TELEGDY, Gy.; ENDROCZI, E.; HUSZAR, L.

Further studies on the corticoid synthesis of the placenta.
Acta physiol. hung. 17 no.1:57-61 '60.

1. Institute of Physiology, Medical University, Pecs.
(PLACENTA physiol.)
(ADRENAL CORTEX HORMONES physiol.)

MARTIN,J.; ENDROCZI,E.

Effect of hydrocartisone on the metrotrophic activity of the pituitary in oestone-treated castrated rats. Acta physiol.hung. 17 no.3:317-320 '60.

1. Institute of Physiology, Medical University, Pecs.
(HYDROCORTISONE pharmacol)
(CASTRATION exper)
(ESTROGENS pharmacol)
(GONADOTROPINS PITUITARY physiol)

ENDROCZI, E.; YANG, T.L.

Adrenocortical function in the rat. Acta physiol.hung. 18 no.2: 125-130 '60.

1. Institute of Physiology, Medical University, Pecs.
(ADRENAL CORTEX HORMONES blood)

YANG, T.L.; ENDROCZI, E.

The effect of work performed in hypothermia and hyperthermia on pituitary-adrenocortical function. Acta physiol.hung. 18 no.2: 131-136 '60.

1. Institute of Physiology, Medical University, Pecs.
(BODY TEMPERATURE physiol)
(EXERTION)
(ADRENAL CORTEX HORMONES blood)

BOHUS, B.; ENDROCZI, E.

Metabolism in vitro of hydrocortisone in dog, cat, guinea pig and rat liver. Acta physiol.hung. 18 no.3:179-184 '60.

1. Institute of Physiology, Medical University, Pecs.
(HYDROCORTISONE metab)
(LIVER metab)

BOHUS, B.; ENDROCZI, E.

Metabolism in vitro of cortisone acetate in liver tissue of various species. Acta physiol.hung. 18 no.3:185-189 '60.

1. Institute of physiology, Medical University, Pecs.
(LIVER metab)
(CORTISONE metab)

TELEGDY, Gy.; ENDROCZI, E.; LISSAK, K.

Adrenocortical corticoid secretion in the guinea pig. Acta physiol. hung. 18 no.3:211-215 '60.

1. Institute of Physiology, Medical University, Pecs.
(ADRENAL CORTEX HORMONES physiol)

LISSAK, Kalman, akademikus; ENDROCZI, Elemer; VINCZE, Erzsebet

Comparative investigation of the effect of natural inhibiting factors and gamma-aminobutyric acid. Biol orv kozl MTA 11 no.4:413-417 '60. (EEAI 10:5)

1. Pecsi Orvostudomanyi Egyetem Elettani Intezete. 2. Magyar Tudomanyos Akademia (for Lissak)
(BODY FLUIDS)
(AMINOBUTYRIC ACID)

ENDROCZI, E.; LISSAK, K.; TEKERES, M.

Hormonal "feed-back" regulation of pituitary-adrenocortical activity.
Acta physiol. hung. 18 no.4:291-299 '61.

1. Institute of Physiology, Medical University, Pecs.

(PITUITARY GLAND physiol) (ADRENAL cortex physiol)

ENDROCZI, E.

Contributions to the hypothalamic control of pituitary, ovarian and adrenal cortical function. Acta physiol. hung. 18 no.4:301-307 '61.

1. Institute of Physiology, Medical University, Pecs.

(HYPOTHALAMUS physiol) (PITUITARY GLAND physiol)
(OVARY physiol) (ADRENAL CORTEX physiol)

TELEGDY, G.; ENDROCZI, E.

Progesterone content of the dog's ovarian venous blood and ovarian tissue. Acta physiol. hung. 20 no.3:277-283 '61.

1. Institute of Physiology, Medical University, Pecs.

(PROGESTERONE chemistry)
(OVARY chemistry)
(OVARY blood supply)